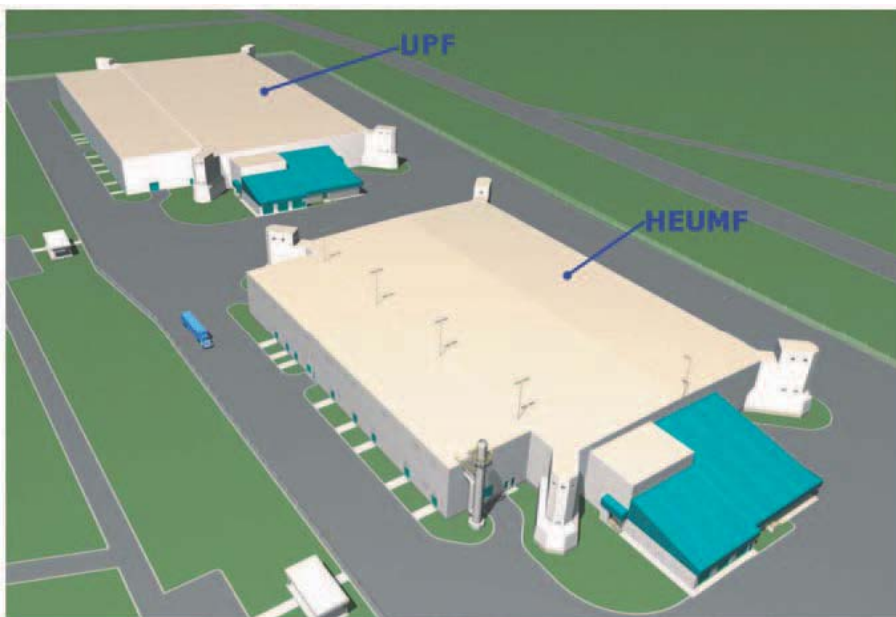


LRS Federal Project Description

Uranium Processing Facility, Facility Design Support, Oak Ridge, TN

LRS Federal provides on-site Architect-Engineer (A-E) design services for the planned new non-reactor nuclear Uranium Processing Facility at the Department of Energy Y-12 National Security Complex (Y-12) in Oak Ridge, Tennessee. The planned seven acre facility will be totally integrated, implementing the principles of Integrated Safety Management (ISM) and ensuring protection of the engaged worker, the collocated worker, the public, and the environment through the use of engineered controls and designed in-safety features. The value of the facility design and construction, including equipment, is estimated to be in the range of \$1.4 to \$2.4 billion. The facility will be a large multistoried structure that includes processing, operations, and office space. Some staff members working on this project are required to meet Y-12 security requirements including clearance, background checks and fingerprinting.



Conceptual rendering of the Enriched Uranium Processing Facility

LRS provides 3-D Piping Designers and HVAC Design Engineers at the junior, mid, and senior levels to support this project. Piping and HVAC designers utilize MicroStation and three-dimensional CAD software to meet stringent design specifications required for this type of facility. Piping engineers must be knowledgeable in general piping specifications and industry standards, but in specific equipment and inline instrumentation arrangements

such as pump suction and discharges, tanks, control valve stations, and other similar equipment. HVAC designers are responsible for overall system level design, installation drawings, and component selection. These engineers understand configuration control, specification, and source control.

Following the initial task order awards, LRS Federal was awarded three additional task orders to increase efforts at the facility.

LRS Federal Contracting Information

Current Prime Contracts:

- **AFCEE World-wide Environmental Remediation and Construction (WERC09)**
Contract # FA8903-10-D-8551 as a Joint Venture with ARGO Systems LLC (ARGO/LRS JV), contract capabilities include construction, environmental cleanup, Military Munitions Response Program requirements, and fuel systems support
- **Mobile District A-E Construction Engineering Services IDC**
Contract # W91278-13-R-0028 Support of the U.S. Army Medical Command (MEDCOM), DOD, and other Federal Health Systems
- **Mobile District Corps of Engineers Construction Engineering Services**
Contract # W91278-11-D-0039 Full service construction management support to include project management, quality assurance, database management, cost-estimating, and administrative service in support of the U.S. Army Medical Command at Army Medical Treatment Facilities in Continental United States, Alaska, Hawaii, and Puerto Rico
- **Kansas City District Corps of Engineers A-E Hazardous, Toxic, and Radioactive Waste Services**
Contract # W912DQ-12-D-3002 HTRW related architect-engineering support to include remedial investigations, feasibility studies, pre-design investigations, design services, and construction phase services
- **Omaha District Corps of Engineers Environmental Consulting Services**
Contract # W9128F-08-D-0005 Full service environmental consulting support to include environmental planning, compliance, natural and cultural resources, and environmental remediation services
- **Omaha District Corps of Engineers Environmental Remediation Services**
Contract # W9128F-10-D-0047 Full service environmental remediation support to include engineering support, LTO/LTM, data management, energy evaluation, full-service environmental remediation services, and project programming and scheduling support
- **Veterans Affairs Administration–East Region Environmental and Historic Services**
Contract # VA101-F-12-D-0055 as a Joint Venture with Marstell Day LLC (LRS/MD JV), contract is for environmental services and historical services at new and existing VA facilities
- **Department of Homeland Security PACTS**
Contract # HSHQDC-09-D-00040 Comprehensive Technical Services support to the Department of Homeland Security to include all disciplines with the exception of information technology
- **GSA Schedule for Environmental Services**
Contract # GS-10F-0360T Awarded Special Item Numbers (SINs): 899-1, Environmental Planning; 899-2, Environmental Compliance; 899-7, Geographic Information Systems; 899-8, Remediation Services
- **FDIC Basic Ordering Agreement**
Contract # RECVR-08-G-0010 Environmental due diligence, site investigation and remediation support
- **Department of Homeland Security BioWatch**
Contract # HSHQDC-09-C-00049 On-going support to the biological agent air monitoring program in the National Capitol Region